

Bilal Ahmad Malik

Computer Science Graduate

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[LinkedIn](#)

[Github](#)

[Web Portfolio](#)

London, United Kingdom

EDUCATION

MSc Computer Science

Queen Mary, University of London | Result: Merit | 2021 - 2022

BSc Computer Science

Queen Mary, University of London | Result: First Class Honours | 2018 - 2021

BTEC ICT Level 3 Extended Diploma

Coulsdon Sixth Form College | Result: D*D*D* | 2016 - 2018

Secondary School Education

The Archbishop Lanfranc School | Result: 8 GCSEs | 2013 - 2016

EXPERIENCE

IT Engineer (part-time) - iTech Services (Premier Systems IT) 2019

- Accurately logging all IT assets of different companies and carrying out decommissioning and recommission of these equipment in a safe and procedural manner
- Working together as a Team to complete given tasks in an efficient manner
- Staying overtime to help finish the tasks for the day

Local Youth Coordinator (volunteer) - AMYA 2018

- Building relationships with over 80 community members by visiting them and keeping in contact
- Engaging community members with each other by organising events such as sports and Q&As sessions
- Liaising with different charities, and involving local community members, which includes Cancer Research UK, Marie Curie, NSPCC and The Royal British Legion

SKILLS

Tech Stack

Python	Java	Django	GitHub
SQL	HTML	CSS	Database
NLTK	Scikit	Data Analysis	
JavaScript	Machine Learning		

Essential Skills

Problem Solving	Time Management
Teamwork	Creativity Thinking
Leadership Skills	Self-Learning
Communication	Customer Service

CERTIFICATION

Python Essential Training

LinkedIn

Python Object-Oriented Programming

LinkedIn

INTERESTS

- ★ Building ML Models
- ★ Developing Django Applications
- ★ Creating and Analysing Datasets

PROJECTS

Web Forum with Automated Post Categorisation

- Built a Dataset by collecting tweets of different sports using Twitter API to train ML model in Python
- Developed the Web forum using Django with user sign-up, user authentication and implemented the ML model to categorise the posts

Django Group Chats Web-Application with Toxicity Detection using ML

- Carried out Data Manipulation, Features Selection, and Data Analysis using Pandas, Matplotlib, Seaborn, and WordCloud Python Libraries
- Utilised Python's Machine Learning Libraries such as Scikit-learn and NLTK to Pre-process the data and build a ML model
- Used HTML, Tailwind CSS, JavaScript for frontend and Django for backend
- Utilised Django's Channels to handle WebSockets for Asynchronous group chats implementation.

Count My Weeks Calendar - Available Here: [Link](#)

- Used HTML, CSS and JavaScript for designing, getting user input and building the calendar
- Hosted the website by making a repository on GitHub and linking it with CloudFlare

Database Creation using Python and MySQL

- Connected to SQL server in Python and built functions to handle SQL commands
- Fetched JSON data from website and used the functions to build and populate the database tables